

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A ~~special-reproducing~~ method for ~~special~~ reproducing sound by using an information reproducing apparatus for reading out data from a recording medium having audio data and video data, comprising:

controlling a reproducing speed of the recording medium;

decoding audio data and video data;

performing a signal processing for n-speed producing, where n is a positive real number greater than 1, with respect to decoded video data;

converting decoded audio data into text data by sound recognition,
comprising:

analyzing the audio data according to speed change information from
the system controller;

registering the text data and the corresponding audio data;

integrating the timing of the decoded audio data with the timing of the
registered audio data;

searching the registered audio data nearest to the decoded audio
data; and

receiving the text data corresponding to the decoded audio data; and

generating video signals displayed by superimposing the characters representing the text data with the specially reproduced images,

~~wherein the audio data read out from a recording medium during n-speed reproducing, where n is a positive number greater than 1, is converted into text data by sound recognition, and the characters representing text data are displayed superimposed on specially reproduced images, wherein contents of the sound which are recorded on the recording medium for n seconds are displayed during 1 second of the specially reproduced images.~~

2. (Canceled)

3. (Currently Amended) An information reproducing apparatus for reading out data from a recording medium having audio data and video data, comprising:

conversion means for converting the audio data into text data by sound recognition, and displaying the characters representing text data, being overlapped with the reproduced images, wherein the conversion means comprises:

data analysis processing means for analyzing the audio data according to speed change information and for improving the accuracy of sound recognition by suppressing unnecessary noise;

registering means for registering the text data and the corresponding audio data; and

data conversion processing means for integrating the timing of the audio data from the data analysis processing means with the timing of the audio data from the registering means, and searching audio data from the registering means nearest to the audio data from the data analysis processing means by comparing each audio data and receiving the text data corresponding to the audio data from the registering means,

~~wherein the audio data read out from a recording medium during n-speed reproducing, where n is a positive real number greater than 1, is converted into text data by sound recognition, and the characters representing text data are displayed superimposed on specially reproduced images displayed in a display device, wherein contents of the sound which are recorded on the recording medium for n seconds are displayed during 1 second of the specially reproduced images.~~

4-6. (Canceled)

7. (Currently Amended) An information reproducing apparatus for reading out data from a recording medium having audio data and video data, comprising:

a system controller for controlling a reproducing speed of the recording medium;

MPEG audio and video decoders for decoding audio data and video data;

an image signal processing circuit for performing a signal processing for n-speed producing, where n is a positive real number greater than 1, with respect to decoded video data;

a sound recognition text conversion circuit for converting decoded audio data into text data by sound recognition[[;]], wherein the sound recognition text conversion circuit comprises:

a data analysis processing unit for analyzing the audio data according to speed change information from the system controller and for improving the accuracy of sound recognition by suppressing unnecessary noise;

a data table for registering the text data and the corresponding audio data; and

a data conversion processing unit for integrating the timing of the audio data from the data analysis processing unit with the timing of the audio data from the data table, and searching audio data from the data table nearest to the audio data from the data analysis processing unit by comparing each audio data and receiving the text data corresponding to the audio data from the data table; and

an on-screen character processor for generating video signals displayed by superimposing the characters representing text data with the NTSC reproduced images,

wherein, during special reproduction performed at n-speed, the contents of audio data for n-seconds recorded on the recording medium are displayed for 1 second.